

Date: Wednesday, 12/11/2008 1:37:09 PM
 User: Julie Dawson

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : GUIDE
Job Number : 43351	
Estimate Number : 11216	
P.O. Number :	Part Number : D33335
This Issue : 12/11/2008 S.O. No. :	Drawing Number : D3333 REV B
Prsht Rev. : NC	Project Number : N/A
First Issue : 1/1 Type : MACHINED PARTS	Drawing Revision : B
Previous Run : 43167	Material :
Written By :	Due Date : 28/11/2008 Qty: 24 Um: Each
Checked & Approved By : <u>JLD 08.11.12</u>	
Comment : Est. A05.01.13 New issue KJ/JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
1.0	M1010B1500X01000	1010-1025 Steel Bar 1.500 x 1.00
Comment: Qty.: 0.6672 f(s)/Unit Total: 6.6717 f(s) AISI 1010-1025 Steel Bar Material: AISI 1010-1025 or ASTM A36/A366/A569/A570 Cold Rolled Steel (M1010-B1.500x01.000) Identify for D3333-5 Batch: <u>M109998</u> (mat not in computer yet)		
2.0	BAND SAW	BAND SAW
Comment: BAND SAW Cut blanks: 1.500" x 1.000" thick x 7.500" long		
3.0	HAAS1	HAAS CNC VERTICAL MACHINING #1
Comment: HAAS CNC VERTICAL MACHINING #1 Machine as per Folio FA484 and Dwg D3333 Tap holes as per Dwg D3333 Deburr Identify as D3333-5		
4.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
Comment: INSPECT PARTS AS THEY COME OFF MACHINE		

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D3333-5 PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: AK Date: 08-11-25

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR: <u>43351</u>		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
<u>08/11/25</u>		<u>.750 dimension off because chip between stopper by 0.020"</u> <u>R.C.</u>	<u>AK</u> <u>10/5/10/2</u>	<u>Part is acceptable, it will not interfere with the ass'y. QTY 2 parts.</u>	<u>AK</u> <u>08/11/25</u>	<u>AK</u> <u>08-11-24</u>	<u>AK</u> <u>10/5/10/2</u>	<u>AK</u> <u>08-11-24</u>

NOTE: Date & initial all entries

Date: Wednesday, 12/11/2008 1:37:09 PM
User: Julie Dawson

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: GUIDE

Job Number: 43351

Part Number: D33335

Job Number:



Seq. #: Machine Or Operation: Description :

5.0

QC8

SECOND CHECK



(24)



Comment: SECOND CHECK

DIP 08/11/24

6.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

1- pass parts in deburring machine

08-11-24

7.0

QC5

INSPECT WORK TO CURRENT STEP



counters

Comment: INSPECT WORK TO CURRENT STEP

5081124 (24)

8.0

POWDER COATING

POWDER COATING



M18052



(24)

Comment: POWDER COATING

Powder Coat Fire Red (Ref: 4.3.5.10) as per QSI 005 4.3
Ensure to mask threaded holes

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

12:00
320
12:30

MC 08/11/25

9.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



(24)

Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

FZ 08/11/25

10.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

ST484

SS 08/11/26 (24)

11.0

QC21

FINAL INSPECTION/W/O RELEASE



08/11/26

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MC 08-11-26

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

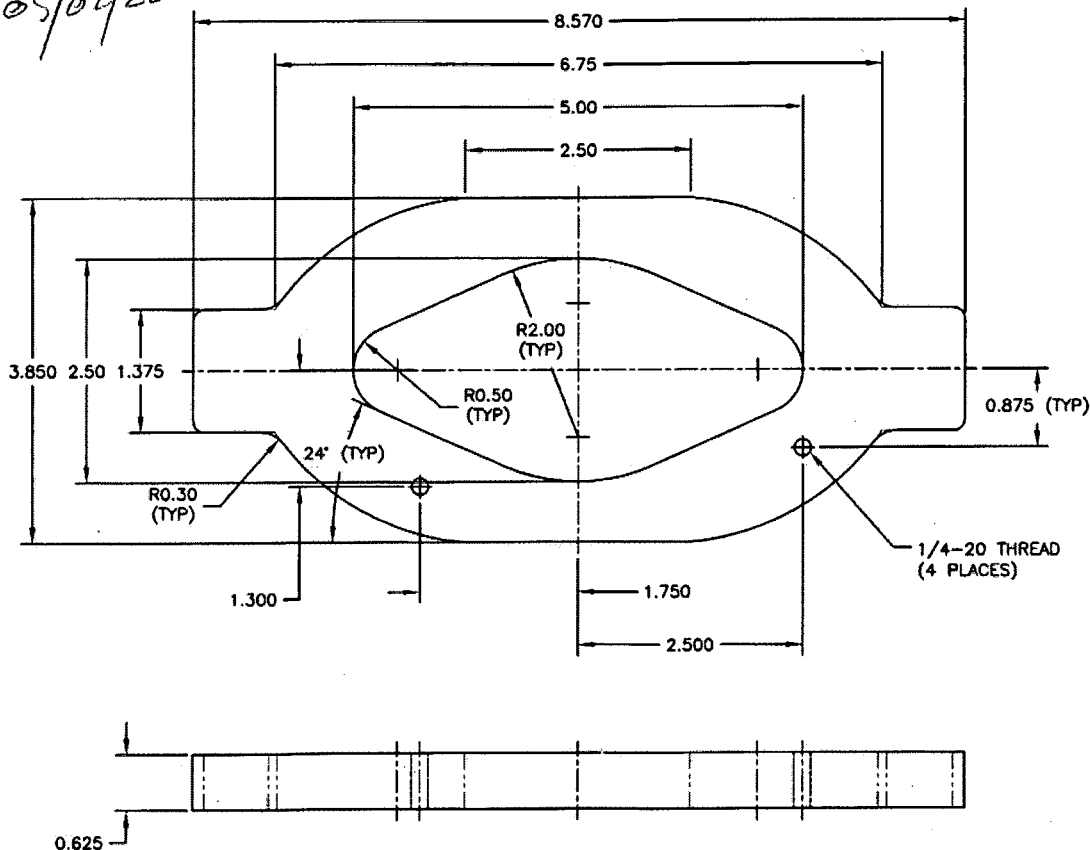
NOTE: Date & initial all entries



DESIGN TF	DRAWN BY TF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED B	APPROVED [Signature]	DRAWING NO. D3333	REV. B SHEET 1 OF 3
DATE 05.02.18		TITLE PLATE	SCALE 1:2
A	04.12.14	NEW ISSUE	
B	05.02.18	RE-DESIGN D3333-3	

RELEASED
[Signature]

05/02/22



D3333-1 BASE PLATE PANEL

NOTES:

- 1) MATERIAL: AISI 4140 STEEL 0.625 THICK STEEL (REF. DART SPEC. M4140-B) MIN. YIELD TENSILE STRENGTH = 100 ksi
- 2) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005C013
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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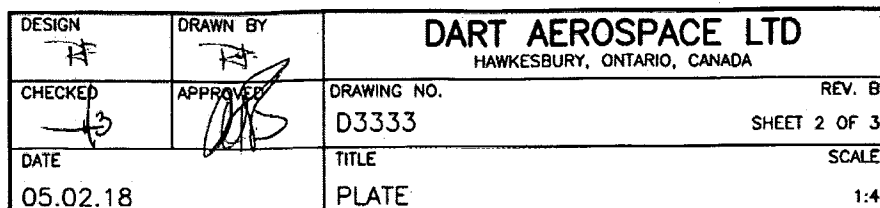
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WORK ORDER

NO. 43351

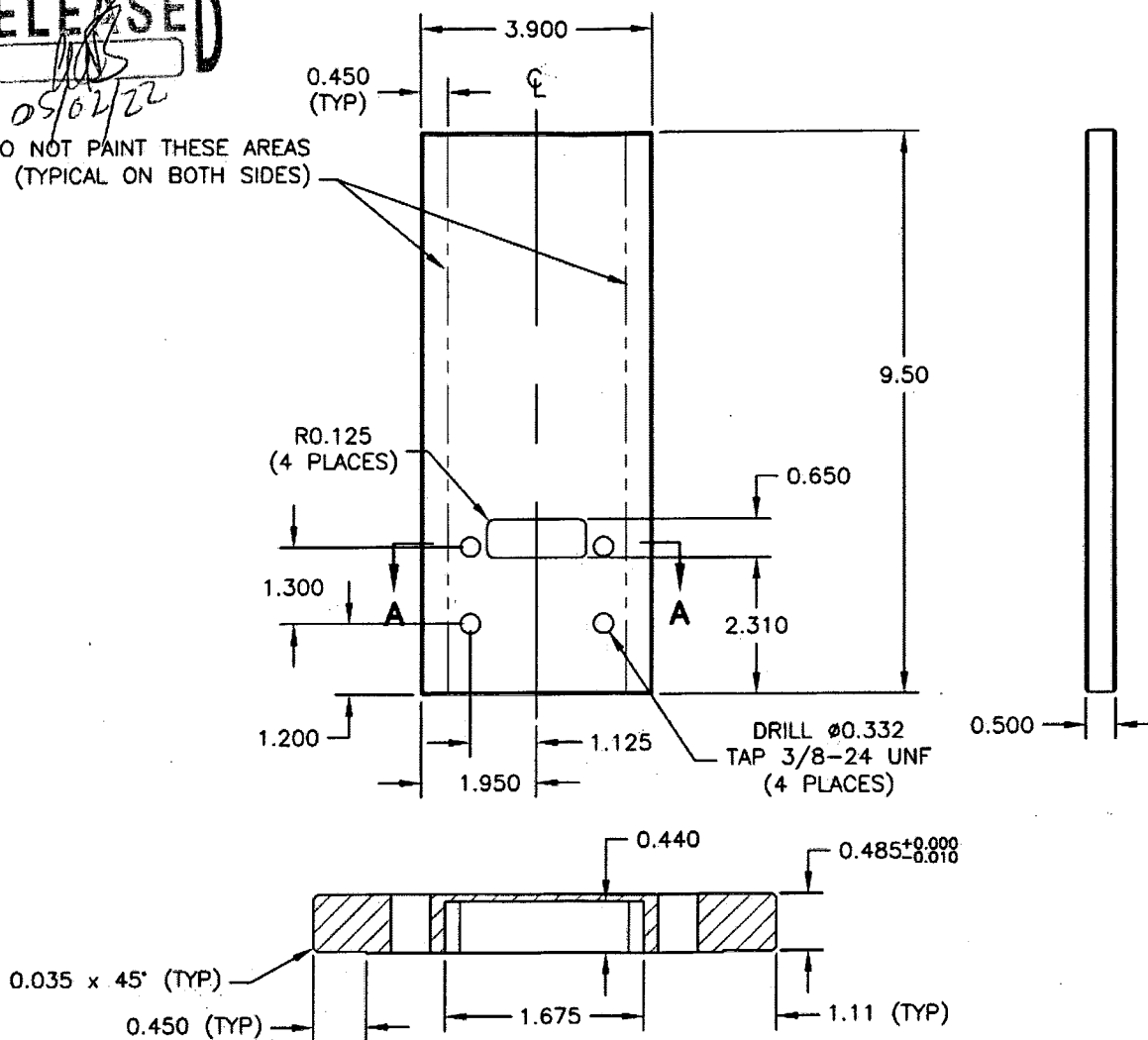
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SECTION A-A

D3333-3 SLIDING PLATE

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570, 0.50 THICK
MILD STEEL (REF. DART SPEC. M1010-B)
- 2) FINISH: POWDER COAT FIRE RED (REF. 4.3.5.10) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

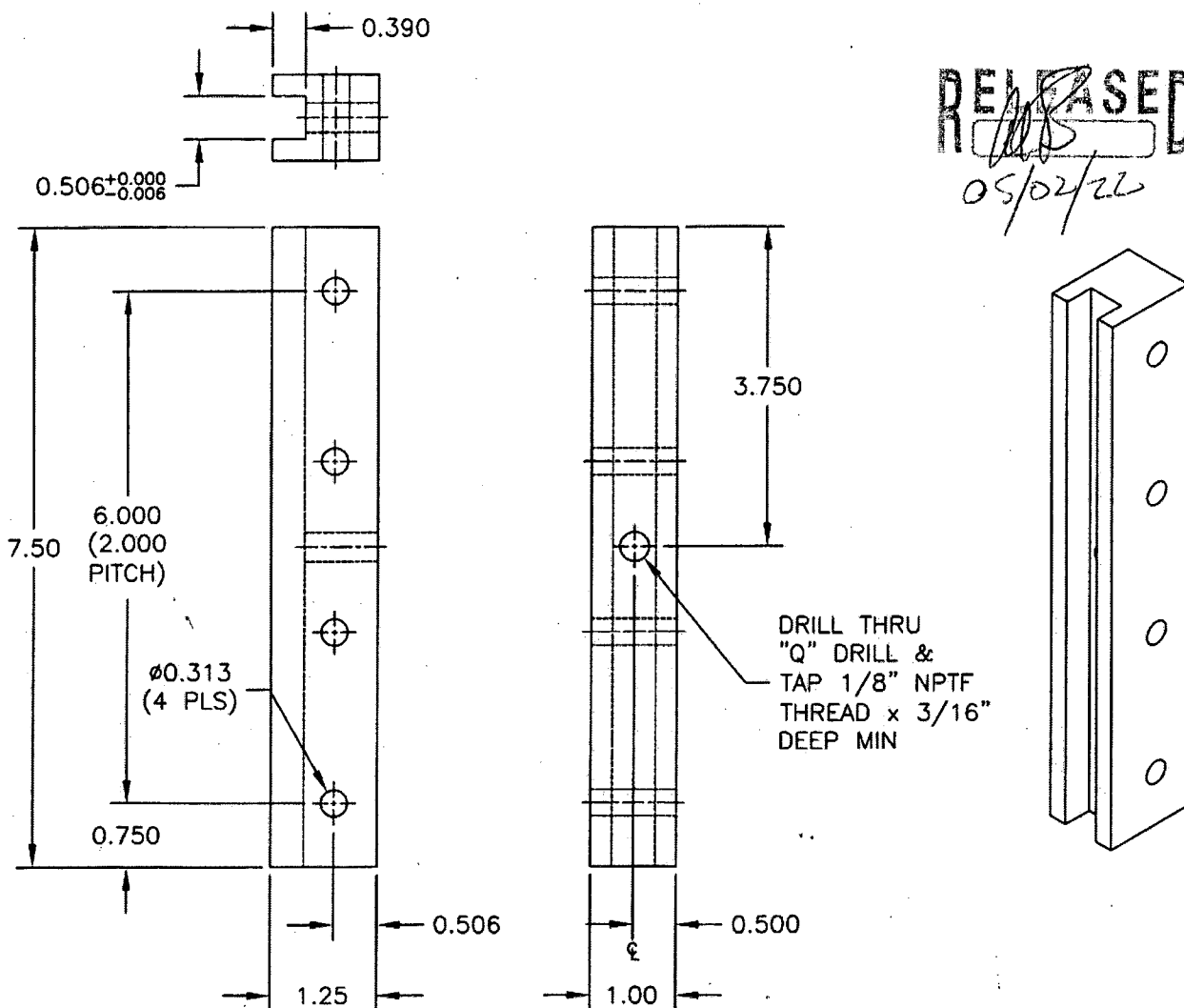
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DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED 3	APPROVED [Signature]	DRAWING NO. D3333	REV. B SHEET 3 OF 3
DATE 05.02.18		TITLE PLATE	SCALE 1:2



RELEASED
05/02/22

D3333-5 RAIL

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570, 1.00 THICK STEEL (REF. DART SPEC. M1010-B)
- 2) FINISH: POWDER COAT FIRE RED (REF. 4.3.5.10) PER DART QSI 005
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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